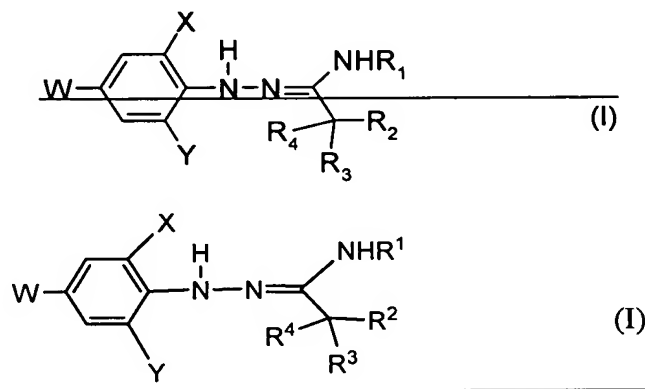


## Abstract

Use of hydrazine derivatives of formula I:



wherein

W is chlorine or trifluoromethyl;

X and Y are each independently chlorine or bromine;

R<sup>1</sup> is alkyl, alkenyl, alkynyl, or cycloalkyl which may be substituted with 1 to 3 halogen atoms, or alkyl which is substituted by alkoxy;

R<sup>2</sup> and R<sup>3</sup> are alkyl or may be taken together to form cycloalkyl which may be unsubstituted or substituted by 1 to 3 halogen atoms;

R<sup>4</sup> is hydrogen or alkyl,

or the enantiomers or salts thereof,

for combating non-crop pests.

Use of compounds of formula I for the protection of non-living organic materials and for the protection of animals against non-crop pests.